

NS-15 STRUCTURE DEMOLITION/ REMOVAL OVER OR ADJACENT TO WATER



BMP Objectives

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|-------------------------------------|-----------------------|
| <input checked="" type="checkbox"/> | Perimeter Control |
| <input type="checkbox"/> | Slope Protection |
| <input type="checkbox"/> | Borrow and Stockpiles |
| <input type="checkbox"/> | Drainage Areas |
| <input checked="" type="checkbox"/> | Sediment Trapping |
| <input checked="" type="checkbox"/> | Stream Protection |
| <input type="checkbox"/> | Temporary Stabilizing |
| <input type="checkbox"/> | Permanent Stabilizing |

Definition and Purpose

Procedures to protect water bodies from debris and wastes associated with structure demolition or removal over or adjacent to watercourses.

Appropriate Applications

Full bridge demolition and removal, partial bridge removal (e.g., barrier rail, edge of deck) associated with bridge widening projects, concrete channel removal, or any other structure removal that could potentially affect water quality.

Limitations

Specific permit requirements may be included in the contract documents.

Design Parameters

- Do not allow demolished material to enter waterway.
- Refer to NS-5 (Clear Water Diversion) to direct water away from work areas.
- Use attachments on construction equipment such as backhoes to catch debris from small demolition operations.
- Use covers or platforms to collect debris.
- Stockpile accumulated debris and waste generated during demolition away from watercourses and in accordance with WM-4 (Stockpile Management).
- Ensure safe passage for wildlife.
- Report discharges to waterways to the Engineer immediately upon discovery.
- For structures containing hazardous materials, (e.g., lead paint or asbestos) refer to WM-7 (Hazardous Waste Management). For demolition work involving soil excavation around lead-painted structures, refer to WM-8 (Contaminated Soil Management).

Maintenance and Inspection

- Inspections shall be conducted as required by the NPDES permit or contract specifications.
- Any debris-catching devices shall be emptied regularly. Collected debris shall be removed and stored away from the watercourse and protected from run-on and runoff.